

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Bost Examiner #: 68951 Date: 10/15/04
 Art Unit: 2600 Phone Number 30 _____ Serial Number: 1016221224
 Mail Box and Bldg/Room Location: CPL 2 81A3 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

US 5889070

STAFF USE ONLY

Searcher: YES

Searcher Phone #:

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Date Searcher Picked Up: 10/15/04

Date Completed: 10/18/04

Searcher Prep & Review Time:

Clerical Prep Time:

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Type of Search

NA Sequence (#) _____ STN _____

AA Sequence (#) _____ Dialog _____

Structure (#) _____ Questel/Orbit _____

Bibliographic _____ Dr.Link _____

Litigation _____ Lexis/Nexis _____

Fulltext _____ Sequence Systems _____

Patent Family _____ WWW/Internet _____

Other _____ Other (specify) _____

Query/Command : **prt max legalall**

1/1 PLUSPAT - ©QUESTEL-ORBIT - image

PN -  US5887070 A 19990323 [US5887070]
TI - (A) High fidelity insert earphones and methods of making same
PA - (A) ETYMOTIC RESEARCH INC (US)
PA0 - Etymotic Research, Inc., Elk Grove Village IL [US]
IN - (A) ISEBERG STEVEN J (US); WILSON DONALD L (US)
AP - US77064796 19961219 [1996US-0770647]
FD - Cont. of US597940 19960207 [1996US-0597940] (Abandoned)
Cont. of US430698 19950427 [1995US-0430698] (Abandoned)
Cont. of US880244 19920508 [1992US-0880244] (Abandoned)
PR - US43069895 19950427 [1995US-0430698]
US59794096 19960207 [1996US-0597940]
US77064796 19961219 [1996US-0770647]
US88024492 19920508 [1992US-0880244]
IC - (A) H04R-025/00
EC - H04R-001/10B
PCL - ORIGINAL (O) : 381380000; CROSS-REFERENCE (X) : 181130000
381328000
DT - Basic
CT - US2430229; US2971065; US3408461; US3529102; US3671685; US3789164;
US3819860; US4170720; US4447677; US4520236; US4592087; US4646872;
US4677675; US4677679; US4689819; US4739512; US4763753; US4781196;
US4852177; US4852683; US4870688; US5099856; US5113967; US5128566;
US5131046; US5144675; JP0043700; JP0238196; JP0290295; GB2155276
Knopf Im Ohr, pp. 34,35, Audio Jul., 1993.

Little Feat, p. 36, Audio Jul., 1993.

pp. 135,136, Audio Jul., 1993.

M.C. Killion; "An *Acoustically Invisible* Hearing Aid", Hearing Instruments, vol. 39, No. 10, 1988.

M.C. Killion, T.W. Tillman, "Evaluation of High-Fidelity Hearing Aids", Journal of Speech and Hearing Research, vol. 25, 15-25, Mar., 1982.

M.C. Killion and W.J. Murphy; "Smoothing The ITE Response: The BF-1743 Damped Coupling Assembly" Apr., 1981.

STG - (A) United States patent
AB - An insert earphone is provided in which a piece of foam material is used to resiliently mount a receiver within a chamber portion of a one-piece plastic housing member. The receiver has an output port extending through a central aperture of the piece of foam material and into one end of a passage defined by a tubular portion of the housing member with a damper being disposed in the other end of the passage. The tubular portion is inserted into an ear tip or other

coupling device and has an enlarged diameter end section to achieve a locking action. Two such insert earphones may be coupled through cables to a junction unit and filters are provided for enhancing the drive of the earphones at high frequencies, the filters being preferably mounted in the junction unit.

1/1 LGST - ©EPO

PN -  US5887070 A 19990323 [US5887070]

AP - US77064796 19961219 [1996US-0770647]

ACT - 19970428 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: BOREALIS TECHNICAL LIMITED 27 HEATHWAY COURT
LONDON; EFFECTIVE DATE: 19970404

19970428 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: EDELSON, JONATHAN SIDNEY; EFFECTIVE DATE: 19970404

20000509 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20000121

20000926 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20000121

UP - 2003-22

1/1 CRXX - ©CLAIMS/RRX

PN -  5,887,070 A 19990323 [US5887070]

PA - Etymotic Res Inc

ACT - 20000121 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20000509

REISSUE REQUEST NUMBER: 09/489441

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2747

Reissue Patent Number: USRE38351

20000121 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20000926

REISSUE REQUEST NUMBER: 09/489441

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2747

Reissue Patent Number: USRE38351

<=1> GET 1st DRAWING SHEET OF 5

March 23, 1999

High fidelity insert earphones and methods of making same

REISSUE: Reissue Application filed Jan. 21, 2000 (O.G. Sep. 26, 2000) Ex. Gp.: 2747; Re. S.N. 09/489,441 Reissue Application filed Jan. 21, 2000 (O.G. May 9, 2000) Ex. Gp.: 2747; Re. S.N. 09/489,441, (O.G. September 26, 2000) December 16, 2003 - This Patent was reissued as Reissue Patent RE 38,351 (O.G. December 16, 2003)

APPL-NO: 770647 (08)

FILED-DATE: December 19, 1996

GRANTED-DATE: March 23, 1999

CORE TERMS: earphone, receiver, housing, damper, cable, coupling, port, chamber, acoustic, audiophile ...

5,887,070 OR 5887070

LEXIS-NEXIS
Library: PATENT
File: CASES

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File: JNLS

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5,887,070 OR 5887070

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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